

COMMUNITY FACILITIES PLAN FOR THE HIGH POINT PLANNING AREA

**An Element of High Point's
Comprehensive Plan**



**ADOPTED BY THE HIGH POINT CITY COUNCIL
NOVEMBER 15, 2001**



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An Element of High Point's Comprehensive Plan

**Recommended by the
Planning and Zoning Commission
November 28, 2000**

**Adopted by the
City Council
November 15, 2001**

High Point City Council

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CITY OF HIGH POINT
NORTH CAROLINA
PLANNING AND DEVELOPMENT DEPARTMENT

"SHAPING A MORE LIVABLE HIGH POINT"

November 15, 2001

TO THE CITIZENS OF HIGH POINT:

It is my pleasure to present the Community Facilities Plan for the High Point Planning Area. This plan is a policy document adopted by City Council that highlights existing infrastructure improvements and long-term community facility needs required to support anticipated growth. The Community Facilities Plan, along with the city's Land Use and Thoroughfare Plans, constitutes High Point's Comprehensive Plan, which guides the future development of the city. Furthermore, the Community Facilities Plan supports other plans and capital projects in that it itemizes the financial resources required to ensure that adequate and appropriate community facilities are available to serve a growing High Point.

The Community Facilities Plan is intended to accomplish the following purposes: to facilitate coordination among city departments regarding the nature and location of future community facilities; to serve as a basis of the city's Capital Improvements Program, annual budget, and future bond proposals; and to guide growth so as to achieve efficiency and environmental protection.

We urge you to take a few minutes to study the plan and examine the maps and tables showing the location and timing of proposed community facilities. As with all urban planning, this plan depends on how accurately it reflects the wishes of the citizenry to be effective. To respond to High Point's changing needs and the views of its citizens, the plan will be amended whenever appropriate and be subject to a thorough evaluation and revision process every five years.

We hope the Community Facilities Plan for the High Point Planning Area will lead you to participate in the larger land use planning process. We must continue to engage in successful planning to promote the vitality and preserve the livability of High Point. We look forward to your involvement in the city's future.

Sincerely,

Arnold J. Koonce, Jr.
Mayor of High Point

**RESOLUTION ADOPTING THE COMMUNITY FACILITIES PLAN
FOR THE HIGH POINT PLANNING AREA**

WHEREAS, Section 160A-361 of the General Statutes of North Carolina provides that the City of High Point may designate a planning agency to prepare plans for achieving objectives sought in the development of its jurisdiction and surrounding planning area, including a long-range Community Facilities Plan for the construction of needed public facilities, services and infrastructure;

WHEREAS, the Community Facilities Plan will serve the best interests of High Point and its citizens by facilitating the coordination of city departments regarding the nature and location of said public facilities, services and infrastructure;

WHEREAS, the plan will provide a tool for assuring that said public facilities, services and infrastructure are appropriately sequenced to meet the demands of future development in a manner that is consistent with High Point's adopted Land Use Plan;

WHEREAS, the plan will be a basis for the city's Capital Improvements Program, the annual budget, bond proposals and other financial planning tools; and

WHEREAS, the plan will guide growth in such a way as to achieve efficiency and environmental protection;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIGH POINT, NORTH CAROLINA that the draft Community Facilities Plan for the High Point Planning Area, recommended for adoption by the Planning and Zoning Commission on November 28, 2000, be adopted as a guide for the future development of community facilities, services and infrastructure within the City of High Point and its planning area, and be incorporated herein by reference.

The adopted Community Facilities Plan for the High Point Planning Area may be inspected at the High Point Department of Planning and Development, Municipal Office Building, 211 South Hamilton Street, High Point, North Carolina.

Adopted by City Council,
this 15th day of November 2001


Lisa Vierling, City Clerk



Lisa B. Vierling, CMC/AAE
City Clerk

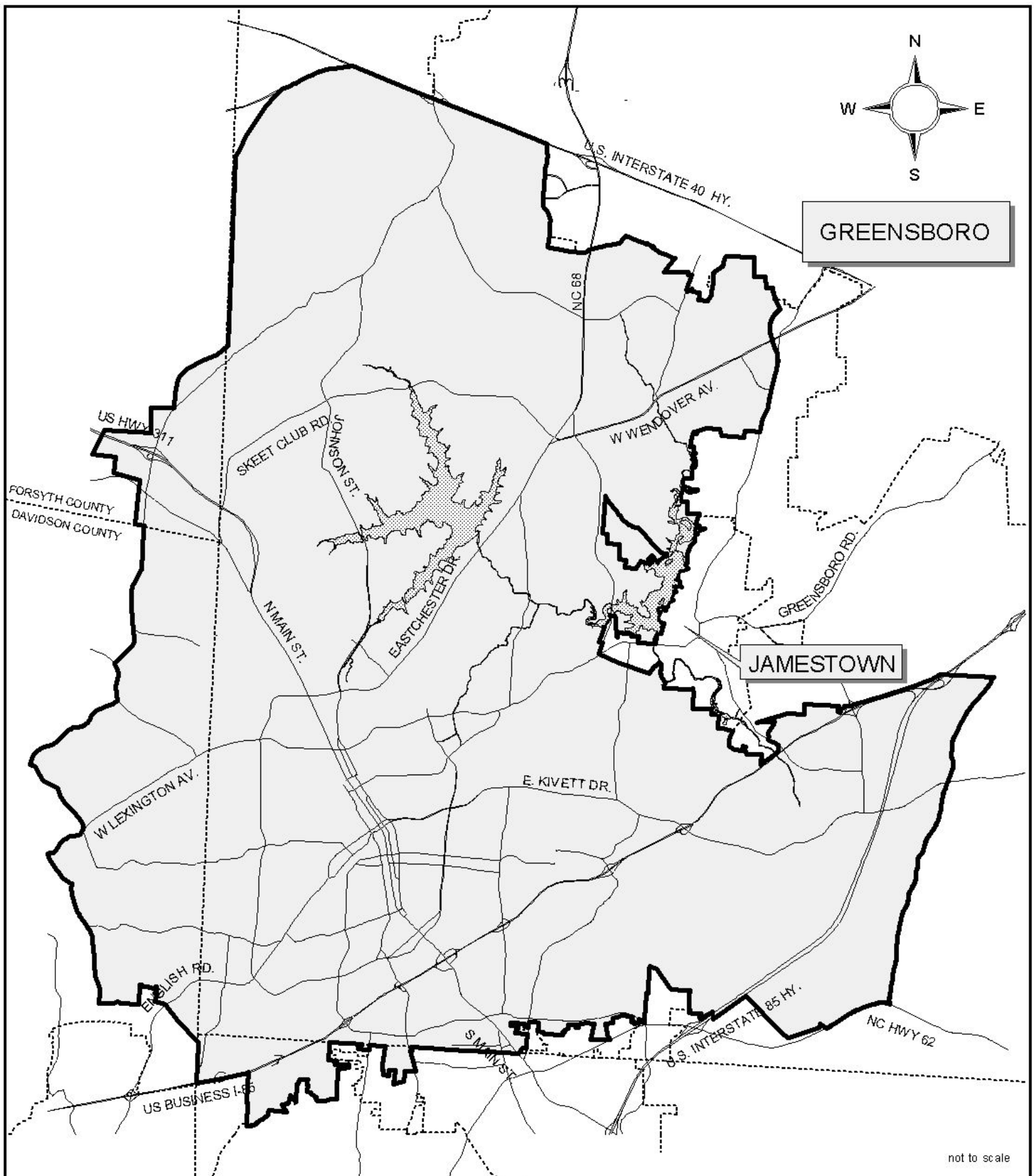
INTRODUCTION

The **Community Facilities Plan for the High Point Planning Area** in combination with the city's adopted Land Use and Thoroughfare Plans form the three principal elements of its Comprehensive Plan. Like the Land Use Plan, the scope of the Community Facilities Plan encompasses a land area of approximately 92 square miles, which is referred to as the High Point Planning Area. This area includes roughly 50 square miles currently within the city's corporate limits along with surrounding unincorporated territory governed by annexation agreements between High Point and the neighboring municipalities of Greensboro, Jamestown, Archdale, Thomasville and Kernersville. The boundary of the High Point Planning Area is illustrated on Map 1, which appears on the following page.

The Community Facilities Plan sets forth the city's long-range public facility development program. Its chief purpose is to serve as High Point's primary policy guide for planning, prioritizing and siting the full range of municipal facilities, services and infrastructure necessary to meet the demands of future growth and development. It also serves as a reference tool for guiding the preparation of the city's Capital Improvement Program and the annual capital budget. These shorter-range documents are the funding mechanisms for constructing community facilities agreed upon by the City Council and, where bonds are involved, the voters. Finally, the Community Facilities Plan is a coordinating device, which identifies the relationships and interdependency among facility projects with particular attention to their need, timing and impact on related projects in directing physical development geographically. In this regard, the Community Facilities Plan has a critical reciprocal relationship with the city's adopted Land Use Plan in determining where, when, and how development will occur. While some community facilities such as fire stations, parks, and branch libraries tend to follow development, the timing and location of other facilities, particularly major streets and water and sewer trunk lines, influence not only the physical direction of development, but to some degree, the types of land use developed. Therefore, consistency between the Community Facilities Plan and the Land Use Plan is essential.

Methodology

At the beginning of the planning process, the City Manager appointed an 11-member Project Management Team to guide the preparation of the Community Facilities Plan. The team first developed a project study design, a project schedule and a set of administrative procedures including a working definition for a community facility. This definition is discussed below. Next, participating department heads were identified and asked to submit community facilities projects pertaining to their respective departments which they believed would be required over the next 15 fiscal years to accommodate expected growth. The department heads were requested to adhere to a prescribed format in submitting projects to the Management Team (see copy of Community Facility Project



High Point Planning Area

City of High Point, North Carolina
Department of Planning and Development

MAP 1

g:/maps/proj/plng/cfp_hppa.apr

Proposal Form appearing on the following page). For each project, a brief description was requested along with the project's overall priority, estimated cost and anticipated starting date. The Project Proposal Form also requested information concerning potential funding sources and any special considerations such as federal or state mandates.

Following receipt of each department's proposals, the Project Management Team spent several months reviewing the 285 projects submitted and refining them into an integrated and prioritized 15 year listing. Relative priorities among projects were generally based on which of three estimated construction periods a project was placed. Each construction period consisted of five fiscal years with the period of highest priority ranging from FY01-02 through FY05-06, and that of lowest priority from FY11-12 through FY15-16. With the assistance of the participating department heads and their representatives, a significantly reduced project list was ultimately approved by the Management Team and submitted to the City Manager for his review and concurrence. The final project list as approved by the City Council contains 143 projects at a total estimated cost in year 2000 dollars of \$605,374,127. This list is found in the section of the plan entitled ***Community Facilities Projects, FY01-02 to FY15-16*** beginning on page five. The location of each of these projects is illustrated on Map 2 contained in the plan's back cover pocket. Of the aforementioned 285 projects submitted, 142 were found to be inconsistent with the below-referenced definition of a community facility. These projects, totaling more than \$161,000,000, are generally valid capital improvements, and it is anticipated that many of them will be addressed by the city in future Capital Improvements Programs.

Definition of a Community Facility

At the beginning of the planning process, the Project Management Team was faced with the issue of determining an acceptable definition for a community facility. There was obviously a need in such a definition to distinguish a community facility from the more broadly used term, capital improvement. After several modifications, the Project Management Team agreed on the following wording:

A community facility is a fixed asset that includes any acquisition of land or construction, expansion or replacement of a physical facility required to serve future growth and redevelopment, or services provided by the City of High Point in support of such growth. Each community facility included in High Point's Community Facilities Plan shall have an initial cost of no less than \$100,000 and a life expectancy of no less than 15 years.

RELATIONSHIP TO CAPITAL IMPROVEMENT PROGRAM

The Community Facilities Plan has an inseparable relationship with High Point's Capital Improvement Program, although there are significant differences between the two policy documents. The Community Facilities Plan is a longer-range document, generally projecting facilities 15 to 20 years in the future. It is also a planning tool more closely related to the city's Land Use Plan than to its Capital Improvement Program. As such,

COMMUNITY FACILITY PROJECT PROPOSAL FORM

Community Facilities Plan -- City of High Point

Project Name _____

Department/Agency _____ Project
Initiating Proposal _____ Location _____

Brief Project Description:

Anticipated Project Starting Date _____ Project Completion Date _____

Total Project Cost \$ _____ Land Purchase Cost \$ _____
(1999 Dollars) (1999 Dollars)

Funding Source: (check) City _____ Grant _____ Bonds _____ Other (specify) _____

Brief Project Justification:

Project Priority (numerical priority among all projects submitted by your Department) _____

Are Functional Plans Available? Yes _____ No _____ Any Federal/State Mandates? Yes _____ No _____

Would you characterize this project as "MOST URGENT"? Yes _____ No _____

Department Head's Signature

Date

the Community Facilities Plan is tied to land use policy implementation where its chief function is to assure that essential facilities and infrastructure are in place to support the types of growth recommended in the Land Use Plan at the time anticipated. The Community Facilities Plan should also assure that these essential services are not provided prematurely nor where the Land Use Plan recommends against future growth. The Capital Improvement Program is primarily a shorter-range financial tool which programs the construction of major physical improvements, estimates their cost, and determines appropriate funding sources. In the case of High Point, the time horizon for its Capital Improvement Program is five years. All projects contained in the Community Facilities Plan, if they are to be developed, should eventually appear in the city's Capital Improvement Program and then in its annual budget. Not all physical facilities included in the Capital Improvement Program, however, are Land Use Plan-related and, therefore, such projects are not appropriate for inclusion in the Community Facilities Plan.

PURPOSES OF THE COMMUNITY FACILITIES PLAN

The **Community Facilities Plan for the High Point Planning Area** serves as the City Council's policy statement with respect to issues, goals and objectives governing the long-range development, location, timing and financing of community facilities, services and infrastructure. The major purposes of the Plan are:

- To facilitate coordination among city departments regarding the nature, timing and location of future community facilities;
- To serve as an implementation tool for the city's adopted Land Use Plan by providing for the timely development of essential facilities, services and infrastructure required to support future growth at locations recommended in said Plan and by restricting such facilities at other locations where future growth is either prohibited or limited;
- To guide growth in such a way as to achieve efficiency and environmental protection;
- To serve as the basis of the city's Capital Improvement Program, annual budget, bond proposals and other financial planning tools; and
- To maintain and improve the city as a desirable place in which to live and work by providing the types of quality community facilities, services and infrastructure which meet the needs of present and future residents.

GOALS AND OBJECTIVES OF THE COMMUNITY FACILITIES PLAN

Consistent with the above-listed purposes of the Community Facilities Plan, the following goals and objectives are established:

Goals:

- Ensure consistency and continuity between the timing and location of required community facilities and the policies and development guidelines enumerated in the adopted Land Use Plan;
- Eliminate duplication of effort in the planning and provision of community facilities, services and infrastructure;
- Enhance the quality of life in the city by siting community facilities in a manner which preserves or improves both the natural and built environment; and
- Sequence the installation and construction of community facilities to meet the requirements of anticipated growth.

Objectives:

- Utilize the community facilities planning process as a continuing communications tool among city departments;
- Maintain a current and up-to-date Community Facilities Plan as a primary source of future capital projects for the city's five-year Capital Improvement Program;
- Maintain an appropriate balance between the size, location and density of new urban development as recommended in the city's adopted Land Use Plan and the availability and demands upon public services and facilities required to serve such development.
- Maintain an ongoing evaluation process with respect to the location and adequacy of existing and proposed community facilities when considering all new development; and
- Encourage the wisest and most efficient use of community resources through directed growth where possible and through the proper maintenance of existing community facilities and services.

COMMUNITY FACILITY PROJECTS, FY01-02 to FY15-16

Organized by Five-Year Priority Increments

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
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FY01-02 to FY05-06

COMMUNICATION AND INFORMATION SERVICES:

C-01	800 MHz Radio System Upgrade	Multiple sites in north and southeastern High Point	Project upgrades City's 800 MHz trunked radio system from a single site to a multiple site 12 channel simulcast system to correct radio coverage deficiencies in north and southeastern sections of City. Project involves two additional 300' transmission towers in north and southeastern parts of the City.	FY02-03	5,000,000	Possible bonds
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Communication and Information Services (1 Project) **5,000,000**

ELECTRIC UTILITIES:

E-01	Russell Filter Transmission Line	Russell St. Substation to Park St.	Construct a 69,000 volt transmission line between Russell St. Substation and the intersection of Park St. and Grimes Ave.	FY01-02	400,000	Electric fund
E-02	Underground Loop to North State Telephone	Hayden and High Sts.	Construct redundant underground feed and transformer system to North State Telephone Company.	FY01-02	500,000	Electric fund
E-03	Northwest Substation	Barrow and Willard Dairy Rds.	Tap Duke Power's transmission line and construct a new 100KV substation.	FY01-02	1,500,000	Electric fund
E-04	Eastchester T-2 30 MVA	Eastchester Substation, Eastchester Dr.	Addition of a second transformer at Eastchester Substation including switchgear and circuit breakers to merge the new capacity.	FY01-02	800,000	Electric fund

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
E-05	Eastside Backup Circuit	Eastside Sewage Treatment Plant	Construct redundant overhead feed to the Eastside Sewage Treatment Plant.	FY01-02	100,000	Electric fund
E-06	Eastchester Substation Capacitor Bank	Eastchester Dr.	Install a capacitor bank on the T-1 bus. Project includes the addition of a circuit breaker to switch the bank.	FY01-02	100,000	Electric fund
E-07	Burton Station 100KV Bus Revision	Burton Substation on English Rd.	Add an additional bus and circuit breaker in the 100,000 volt portion of the station to accommodate an additional 30 MVA transformer at Burton Ave. Substation.	FY02-03	125,000	Electric fund
E-08	2nd Burton 30 MVA	Burton Substation on English Rd.	Add an additional 30 MVA transformer at Burton Ave. Substation.	FY02-03	800,000	Electric fund
E-09	Cox Ave. Circuit	Jackson Lake Rd. and Cox Ave.	Construct a new 12 KV circuit from Jackson Lake Substation along Jackson Lake Rd. to Cox Ave. and terminating into existing circuits on Baker Rd.	FY04-05	250,000	Electric fund
E-10	New Downtown Underground Circuits	Commerce St.	Extension of new underground circuits in the existing downtown underground area. (3 year project)	FY04-05	900,000	Electric fund
E-11	Commerce T-1 20MVA Addition	Commerce Substation, Commerce St.	Addition of a second transformer in Commerce Substation including switchgear and circuit breakers to merge new capacity.	FY05-06	900,000	Electric fund
<u>Electric Utilities (11 Projects)</u>					<u>6,375,000</u>	

FIRE DEPARTMENT:

F-01	Fire Station 2	Eastchester near Gordon Rd.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 ladder truck, 1 squad, 1 battalion chief, 1 EMA and personnel assigned. (Personnel and equipment for this facility to be transferred from the Headquarters Fire Station on South Elm St.)	FY01-02	1,850,000	Two-thirds bonds
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Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
F-02	Fire Station 12	Clinard Farms Rd. near Barrow Rd.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 ladder truck, 1 squad, 1 EMA and personnel assigned. (Totally new station requiring new equipment and added personnel.)	FY01-02	* <u>1,850,000</u> 1,350,000 500,000	Two-thirds bonds Intergovernmental contribution
					*Plus equipment and personnel costs.	
F-03	Fire Station 3	Phillips Ave. near Westchester Dr.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 ladder truck, 1 squad, 1 EMA and personnel assigned. (Personnel and equipment for this facility to be transferred from current Fire Station 3.)	FY02-03	1,850,000	Possible bonds
F-04	Fire Station 26	2127 Sandy Ridge Rd.	Renovate and furnish current Colfax Volunteer Fire Department station to house 1 fire engine, 1 reserve truck, 1 squad and the personnel assigned. (Personnel and equipment now assigned to this facility would remain.)	FY02-03	150,000	Possible bonds
F-05	Burn Building and Training Tower Facility	1035 West Ward Ave.	Construct a new training facility to provide simulated conditions to train emergency personnel to handle specific types of situations. This will require demolition of existing obsolete training tower built in the 1950s.	FY02-03	1,325,000	Possible bonds
<u>Fire Department (5 Projects)</u>					<u>7,025,000</u>	
LIBRARY:						
L-01	Library Expansion and Renovation	901 North Main St.	Enclose space in front of the library behind screen wall on 1st and 2nd floors to add approximately 9,000 sq. ft. to the building. The added space will provide a meeting room, lobby with coffee shop and new story room on 1st floor, and space to house research unit on 2nd floor.	FY02-03	1,500,000	Possible bonds
<u>Library (1 Project)</u>					<u>1,500,000</u>	

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
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PARKS AND RECREATION DEPARTMENT:

P&R-01	Greenway Development	Citywide	An additional mile of the High Point Greenway has been completed from Welborn Middle School to the US 311 Bypass along Boulding Branch. To complete the greenway from the US 311 Bypass to Festival Park along Boulding Branch, a section of greenway will be constructed from University Park to Festival Park along Deep River and from University Park to the Piedmont Environmental Center at Penny Road.	FY01-02	<u>300,000</u> 170,000 130,000	1993 bonds Pay as you go
P&R-02	Park Land Acquisition	Citywide	Purchase 136 acres of additional park land (north area - 37 acres; east area - 27 acres; west area - 60 acres; and central area - 12 acres) to serve as community, neighborhood, and mini-parks.	FY02-03	2,720,000	Possible bonds

Parks and Recreation Department (2 Projects) **3,020,000**

PUBLIC SERVICES DEPARTMENT:

PI-01	Kersey Valley Landfill, Phase III	Kersey Valley Rd./Kivett Dr. area	Purchase and construct landfill according to City Council authorization to provide refuse disposal for City citizens.	FY01-02	3,000,000	Landfill fund
PI-02	Land for additional landfill development	Kersey Valley Rd./Kivett Dr. area	Purchase land for additional landfill development needed within the next fifteen years.	FY01-02	400,000	Landfill fund
PI-03	C&D Land Purchase	Not yet determined	Purchase and/or develop land for a municipal construction and demolition landfill facility.	FY03-04	170,000	Landfill fund
PI-04	Landfill Maintenance Building	Landfill Facility	Build or purchase maintenance building for the City Landfill's equipment.	FY04-05	250,000	Landfill fund
PI-05	ICF Scale-house Building	Ingleside Composting Facility	Build scalehouse to replace old building at the Ingleside Composting Facility.	FY05-06	200,000	Landfill fund

Landfill Fund Subtotals (5 Projects) **4,020,000**

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Ps-01	Eastside Wastewater Treatment Plant Upgrade	Eastside Wastewater Treatment Plant	Upgrade and expand Plant from 16 MGD to 26 MGD including extended discharge and onsite standby power system.	FY01-02	<u>55,000,000</u> 19,890,000 11,260,000 15,000,000 8,850,000	1997 bonds Sewer fund State loan fund Intergovernmental contributions
Ps-02	Polymer System Upgrade	Eastside Wastewater Treatment Plant	Replace existing polymer feed system to provide continuous dependable polymer supply for centrifuge dewatering system.	FY01-02	350,000	Sewer fund
Ps-03	Deep River 66" Outfall, Section 2	Eastside Plant-Deep River	Replace existing 35" diameter outfall along Deep River with 66" diameter sewer from 1,000' above Riverdale Pump Station to Jamestown Pump Station.	FY01-02	8,500,000	1997 bonds
Ps-04	Deep River 60" Outfall, Section 4	Eastside Plant-Deep River	Replace existing 33" diameter outfall along Deep River with 60" diameter line from Greensboro Road to NC 68.	FY01-02	9,250,000	1997 bonds
Ps-05	Waterview Pump Station Replacement	Waterview & Skeet Club Rds.	Replace Waterview Pump Station and extend/reroute 6,500 LF forcemain to discharge into existing Wendover Outfall; project is required to allow continued growth in northern area.	FY01-02	<u>2,025,000</u> 750,000 1,275,000	1997 bonds Sewer fund
Ps-06	Deep River 60" Outfall, Section 3	Eastside Plant-Deep River	Replace existing 33" diameter outfall along Deep River with a 60" diameter gravity sewer line from Jamestown Pump Station to Greensboro Road.	FY02-03	9,900,000	Possible sewer bonds
Ps-07	Deep River 1A 24" & 1B 42" Outfalls Section 5	Eastside Plant-Deep River	Replace existing 18" sewer with 2,000 LF of 42" line above Boulding Branch Outfall, and also replace next 14,000 LF with 24" sewer.	FY03-04	5,700,000	Possible sewer bonds
Ps-08	Biological Nutrient Removal of Phosphorus and Nitrogen	Westside Plant	Biological nutrient removal involves modification of Westside's present aeration basins and installation of necessary equipment to create a BNR system, and increase capacity from 6.2 MGD to 9.3 MGD.	FY03-04	14,200,000	Possible sewer bonds

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Ps-09	Modification of Sludge Lagoon	Westside Plant	Project involves emptying the sludge lagoon of sludge and making the necessary modifications to create an additional flow equalization basin.	FY03-04	2,000,000	Possible sewer bonds
Ps-10	Kindergarden IC Outfall	Kool Pool out-fall upstream to Country Club outfall	Project replaces 5,000 LF of 18" diameter gravity sewer line with a 33" diameter line.	FY03-04	850,000	Possible sewer Bonds
Ps-11	Oakview Outfall	Intersection of Mechanicsville and Oakview Outfalls	Replace 3,000 LF of 12" diameter gravity sewer with a 24" diameter gravity sewer line.	FY03-04	350,000	Sewer fund
Ps-12	East Fork Pump Station	Sunnyvale Rd.	Includes an additional 350 HP pump, a larger generator and 5,300 LF of 12" force main.	FY03-04	1,000,000	Sewer fund
Ps-13	Westside Influent Screw Pump Replacement	Westside Plant	Replace 3 influent screw pumps that lift the incoming wastewater to the top of the headworks to begin the treatment process.	FY04-05	300,000	Sewer fund
Ps-14	Automation of D.O. Controls for Aeration Basin	Westside Plant	Presently, D.O. levels are maintained manually. Automation of system involves addition of D.O. meters at 6 extra sites in basin. Blowers that supply air require computer software controls.	FY04-05	100,000	Sewer fund
Sewer Fund Subtotals (14 Projects)					109,525,000	
Pw-01	E. Lexington Ave. Water Main	E. Lexington Ave.	Install approximately 2,700 LF of 12" water line from McGuinn Dr. to Fifth St.	FY01-02	330,000	Water fund
Pw-02	Harvey Rd. Water Main, Phase #2.	Harvey Rd.	Install approximately 10,500 LF of 16" water line on Harvey Road from Kivett Dr. to Riverdale Rd., and on Riverdale Rd. from Harvey Rd. to Business 85.	FY01-02	525,000	1997 bonds
Pw-03	Cox Ave. Water Main	Cox Ave.	Install approximately 3,800 LF of 12" water line from Baker Rd. to Jackson Lake Rd.	FY01-02	180,000	1997 bonds
Pw-04	Jackson Lake Rd. Water Main	Jackson Lake Rd.	Install approximately 9,500 LF of 12" water line from existing 12" main to Fairfield Rd.	FY01-02	435,000	1997 bonds

Community Facilities Plan/ 11

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Pw-05	Oak Hollow Lake Raw Water Line	Ward Plant to Oak Hollow Lake	Design and install an additional raw water line from Oak Hollow Lake to the Ward Plant. Capacity of the Ward Plant has doubled from 16 MGD to 32 MGD, but at present only 15 MGD can be pumped from City Lake.	FY01-02	<u>2,300,000</u> 780,000 1,520,000	1997 bonds Water fund
Pw-06	Oak Hollow Lake Aeration System	Oak Hollow Lake	Design and install a difussed air type aeration system at Oak Hollow Lake to replace existing Hypolimnetic System including new aeration control building and relocation of existing compressor.	FY01-02	<u>510,000</u> 110,000 400,000	Currently allocated Water fund
Pw-07	Courtesy Rd. Water Main	Courtesy Rd.	Install approximately 1,800 LF of 8" water line from Prospect St. to Tryon Avenue.	FY02-03	150,000	Water fund
Pw-08	Enclose New Filter	Ward Water Plant	Enclose new green leaf filters from the outside environment. Install heat and ventilation and provide outside access.	FY01-02	100,000	Water fund
Pw-09	Riverdale Rd. 12" Water Main	Riverdale Rd.	Install approximately 6,000 LF of 12" water line from Kivett Dr. to Business 85.	FY03-04	335,000	Water fund
Pw-10	City Lake Raw Water Line	Ward Plant to City Lake	Design and install an additional raw water line from City Lake to the Ward Plant.	FY03-04	1,550,000	Water fund
Pw-11	Kearns Plant Pump Automation	Old Kearns Water Plant	Replace existing high service pumps with 2 new VFD pumps that can be automated and operated as a remote station.	FY03-04	2,000,000	Water fund
Pw-12	Dilworth Rd. Water Main	Dilworth Rd.	Install approximately 6,900 LF of 8" water line from Skeet Club Rd. to Squire Davis Rd.	FY04-05	205,000	Water fund
Pw-13	Deep River Rd. Water Main	Deep River Rd.	Install approximately 7,300 LF of 8" water line from Hickswood Rd. to Eastchester Dr.	FY05-06	216,000	Water fund
Pw-14	2 MG Elevated Tank and Booster Pump Station	North End of High Point (Skeet Club Rd. Area)	Design and install a 2 MG elevated tank & booster station in the north end of High Point.	FY05-06	6,000,000	Possible water bonds

Community Facilities Plan/ 12

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Pw-15	Ward Filter Backwash Modification	Ward Water Plant	Design & install air scour system for the 4 existing filters at Ward Water Plant. Project will entail removing old system and repiping with stainless steel pipe to new blowers.	FY05-06	500,000	Water fund
Pw-16	Willard Dairy Rd. Water Main	Willard Dairy Road	Install approximately 7,200 LF of 8" water line from Barrow Rd. to Eastchester Dr.	FY05-06	213,000	Water fund
Water Fund Subtotals (16 Projects)					15,549,000	
<u>Public Services Department (35 Projects)</u>					<u>129,094,000</u>	
TRANSPORTATION DEPARTMENT:						
T-01	US 311 Bypass	US 311	Continue construction of US 311 Bypass from existing project limit at Bus 85 to a point south of SR 1920.	FY01-02	<u>46,258,227</u> 42,000,000 2,129,115 2,129,112	NCDOT Water fund Sewer fund
T-02	Intermediate Loop (Hartley Dr.)	Johnson St. to N. Main St.	Construct Hartley Dr. from Johnson St. at existing Hartley Dr. to N. Main St. at Hartley Dr. as a four lane divided roadway. City utilities will be involved and City will reimburse NCDOT for utility work. (Approximately 1.2 miles)	FY01-02	<u>8,750,000</u> 8,450,000 300,000	NCDOT 1997 bonds
T-03	Brentwood St. Widening	Brentwood St.	Widen Brentwood Street from two lanes to four lanes from E. Green Dr. to Gavin Dr.	FY01-02	3,000,000	1997 bonds
T-04	Kivett Dr. Widening	Kivett Dr.	NCDOT to widen Kivett Dr. from US 311 Bypass at Pendleton St. to Bus 85 including sidewalks. The City to participate in the cost of sidewalks (\$100,000).	FY03-04	<u>16,900,000</u> 15,000,000 750,000 750,000 100,000 300,000	NCDOT Sewer fund Water fund Pay as you go Electric fund
T-05	Piedmont Pkwy. Extension	New Alignment	Extend Piedmont Pkwy. from Wendover Ave. to Tarrant Rd. as a four lane divided roadway. Requires some City water and sewer utilities, right-of-way dedication by developers and property owners, and some construction by developers. (Approximately .85 miles)	FY01-02	<u>4,859,000</u> 2,200,000 1,675,000 30,000 429,000 525,000	NCDOT Currently allocated Sewer fund Water fund Developer(s)

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
T-06	Penny Rd. Widening	Penny Rd. between Eastchester Dr. and Wendover Ave.	Widen Penny Rd. to five lanes. All additional right-of-way to be provided from the eastern side of existing roadway.	FY01-02	<u>750,000</u> 750,000	Developer
T-07	Gallimore Dairy Rd. Widening	Gallimore Dairy Rd.	Widen Gallimore Dairy Rd. as a five lane or four lane divided thoroughfare from NC 68 to Interstate 40.	FY01-02	<u>9,250,000</u> 8,750,000 500,000	NCDOT Pay as you go
T-08	Lindsay St. Bridge Replacement	Lindsay St.	Replace Lindsay St. bridge over Norfolk-Southern RR between High Ave. and Kivett Dr.	FY01-02	<u>1,500,000</u> 1,200,000 300,000	NCDOT Pay as you go
T-09	W. Hartley Dr. Extension	W. Hartley Dr.	Extend and widen W. Hartley Dr. as a four lane divided thoroughfare from N. Main St. to Westover Dr. Developer(s) responsible for any added costs.	FY02-03	<u>1,000,000</u> 1,000,000 ?	Possible bonds Developer(s)
T-10	Lindsay St. Widening	Lindsay St.	Widen existing Lindsay St. from N. Elm St. to English Rd. through medical district. A four and five lane facility proposed.	FY02-03	6,000,000	Possible bonds
T-11	Clinard Farms Rd./Piedmont Pkwy. Extension	New Alignment	Widen & extend Clinard Farms Rd. from Eastchester Dr., opposite Piedmont Pkwy., to Sandy Ridge Rd. Construct four lane divided roadway as an extension of Piedmont Pkwy.	FY02-03	<u>21,500,000</u> 20,000,000 750,000 750,000	NCDOT Sewer fund Water fund
T-12	Old Winston Rd. Widening	Old Winston Rd.	Widen existing roadway to four lanes from Northpoint Ave. to N. Main Street and Belleview Dr.	FY04-05	4,000,000	Possible bonds
<u>Transportation Department (12 Projects)</u>					<u>123,767,227</u>	

FY01-02 to FY05-06 Totals (67 Projects) 275,781,227

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
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FY06-07 to FY10-11**FIRE DEPARTMENT:**

F-06	Relocation of Department's Maintenance Facility	1035 West Ward Ave.	Construct a new Maintenance Facility on a portion of the same property where the current training facility is located.	FY06-07	700,000	Possible bonds
F-07	Fire Station 7	Greensboro Rd. near Enterprise Dr.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 reserve truck, 1 squad, 1 EMA and personnel assigned. (Personnel and equipment for this facility to be transferred from current Fire Station 7.)	FY06-07	1,700,000	Possible bonds
F-08	Fire Station 6	E. Springfield Rd. near S. Main St.	Demolish current fire station and construct and furnish new facility upon same site to house 1 fire engine, 1 reserve truck, 1 squad, 1 EMA and personnel assigned. (Existing personnel and equipment to remain at new station.)	FY08-09	1,700,000	Possible bonds
F-09	Fire Station 8	Burton Ave. near English Rd.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 reserve truck, 1 squad, 1 EMA and the personnel assigned. (Personnel and equipment for this facility to be transferred from current Fire Station 8.)	FY08-09	1,700,000	Possible bonds
F-10	Fire Station 14	Eastchester Dr. near Regency Dr.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 ladder truck, 1 squad, 1 EMA and the personnel assigned. (Totally new station requiring new equipment and added personnel.)	FY10-11	*1,700,000	Possible bonds *Plus equipment and personnel costs.

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
F-11	Fire Station 4	North Main St. near Bellevue Dr.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 ladder truck, 1 squad, 1 EMA and the personnel assigned. (Personnel and equipment for this facility to be transferred from current Fire Station 4.)	FY10-11	1,700,000	Possible bonds
<u>Fire Department (6 Projects)</u>					<u>9,200,000</u>	
PARKS AND RECREATION DEPARTMENT:						
P&R-03	Recreation Centers A & B	Specific locations not yet determined	Construct one center in northern High Point and other in south; <u>Note</u> : centers to be co-located with new Police Substations.	FY06-07	3,000,000	Possible bonds
P&R-04	Recreation Centers C & D	Specific locations not yet determined	Construct one center in eastern High Point and other in west.	FY10-11	3,000,000	Possible bonds
<u>Parks and Recreation Department (2 Projects)</u>					<u>6,000,000</u>	
POLICE DEPARTMENT:						
P-01	North Side Substation	Recreation Center A (north side)	Design, construct and furnish new police substation; <u>Note</u> : substation to be co-located with new Recreation Center A.	FY06-07	1,000,000	Possible bonds
P-02	South Side Substation	Recreation Center B (south side)	Design, construct and furnish new police substation; <u>Note</u> : substation to be co-located with new Recreation Center B.	FY06-07	1,000,000	Possible bonds
P-03	Police Department Facility	New location to be determined	Construct new police facility to meet growing demands of citizens and police personnel. Funds needed to purchase more centralized site, and to design, construct and equip facility.	FY10-11	15,000,000	Possible bonds
<u>Police Department (3 Projects)</u>					<u>17,000,000</u>	
PUBLIC SERVICES DEPARTMENT:						
PI-06	Land for additional landfill development	Kersey Valley Rd./Kivett Dr. area	Purchase land for additional landfill development needed within the next fifteen years.	FY06-07	400,000	Landfill fund

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
PI-07	Environmental Services Equipment Shed	Environmental Services parking lot	Build equipment shed at Environmental Services parking lot.	FY09-10	200,000	Landfill fund
PI-08	Environmental Services Office Renovation	Environmental Services office	Renovate and enlarge Environmental Services offices and breakroom building.	FY10-11	200,000	Landfill fund
Landfill Fund Subtotals (3 Projects)					800,000	
Ps-15	Kindergarden 1B Outfall	Westside Plant - Kool Pool	Project replaces 8,500 LF of 12" and 15" gravity sewer with 24" diameter line from junction of Country Club outfall upstream to Kindergarden 1A outfall.	FY06-07	1,300,000	Possible sewer bonds
Ps-16	Kindergarden 1A Outfall	Westside Plant - Kool Pool	Project replaces 7,000 LF of 12" diameter gravity sewer with 21" diameter line. Alternately, reinforcement with parallel sewer to achieve an equivalent carrying capacity might be considered.	FY06-07	1,000,000	Possible sewer bonds
Ps-17	Corbett A 21" & B 24" Outfalls	Westside Plant - Kool Pool	Project replaces 620 LF of 15" VC gravity sewer with 18" line between manholes CO#2 & PK #50. Also replaces 10,000 LF upstream with 8,000 LF of 21" sewer and 2,600 LF of 24" line.	FY06-07	1,000,000	Possible sewer bonds
Ps-18	Kool Pool #1 Outfall	Westside Plant upstream to Kindergarden Outfall	Project involves replacing 14,100 LF of 24" diameter gravity sewer with a 42" diameter gravity line.	FY06-07	3,500,000	Possible sewer bonds
Ps-19	Kool Pool #2 Outfall	Westside Plant Kool Pool	Replaces 4,500 LF of 18" diameter sewer with 24" gravity line.	FY06-07	650,000	Possible sewer bonds
Ps-20	Rich Fork 2A 27" Outfall	Westside Plant - Rich Fork Creek	Project replaces 3,500 LF of 15" diameter gravity sewer with 27" diameter line.	FY06-07	600,000	Possible sewer bonds
Ps-21	Rich Fork 3 24" Outfall	Westside Plant - Rich Fork Creek	Project replaces 3,000 LF of 15" diameter gravity sewer with 24" diameter line.	FY06-07	500,000	Possible sewer bonds
Ps-22	Ensley 2B Outfall	Westside Plant - Upstream	Project replaces 4,000 LF of 18" diameter gravity sewer with 36" diameter line.	FY06-07	1,000,000	Possible sewer bonds

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Ps-23	Kennedy B 30" Outfall	Westside Plant - Ensley Creek	Project replaces 8,500 LF of 18" diameter gravity sewer with 30" diameter line.	FY06-07	1,500,000	Sewer fund
Sewer Fund Subtotals (9 Projects)					11,050,000	
Pw-17	City Lake Raw Water Pump	City Lake Pump Station	Design and install a dual driven diesel and electric pump at City Lake Raw Water Station. Pump will be rated at 24 MGD and can be powered by electricity or, in case of a power outage, diesel.	FY06-07	1,550,000	Possible water bonds
Pw-18	Kendale Rd. Water Main	Kendale Rd.	Install approximately 4,500 LF of 8" water line from Skeet Club Rd. to existing water line.	FY06-07	154,000	Water fund
Pw-19	N. Main St. Water Main	N. Main St.	Install approximately 6,400 LF of 12" water line from Bunker Hill Rd. (NC 66) to Skeet Club Rd.	FY06-07	284,000	Water fund
Pw-20	Westover Dr. Water Main	Westover Dr.	Install approximately 4,700 LF of 12" water line from Shadow Valley Rd. to Horneytown Rd.	FY06-07	208,000	Water fund
Pw-21	Riverdale Rd. Water Main	Riverdale Road	Install approximately 6,500 LF of 8" water line from the existing 8" main to NC 62.	FY07-08	193,000	Water fund
Pw-22	Kersey Valley Rd. Water Main	Kersey Valley Rd.	Install approximately 12,800 LF of 12" water line from Kivett Dr. to NC 62.	FY07-08	570,000	Possible water Bonds
Pw-23	Tarrant Rd. Water Main	Tarrant Rd.	Install approximately 6,400 LF of 8" water line from Wendover Ave. to Piedmont Pkwy.	FY07-08	189,000	Water fund
Pw-24	Squire Davis Rd. Water Main	Squire Davis Rd.	Install approximately 22,200 LF of 12" water line on Sandy Ridge Rd. from Johnson St. to Squire Davis Rd., on Squire Davis Rd. from Sandy Ridge Rd. to Bunker Hill Rd. (NC 66), and on Bunker Hill Rd. from Squire Davis Rd. to N. Main St.	FY08-09	985,000	Water fund
Pw-25	Kivett Dr. 16" Water Main	Kivett Dr.	Install approximately 10,300 LF of 16" water line from Kersey Valley Rd. to Vickery Chapel Rd.	FY08-09	620,000	Possible water Bonds

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Pw-26	NC 62 30" Water Main	NC 62	Install approximately 20,000 LF of 30" water line from US 220 to Groometown Rd.	FY08-09	2,218,000	Water fund
Pw-27	NC 62 24" Water Main	NC 62	Install approximately 21,000 LF of 24" water line on NC 62 from Groometown Rd. to Fairfield Rd., and on Fairfield Rd. from NC 62 to Ingram Rd.	FY08-09	1,862,000	Water fund
Pw-28	Ridgecrest Dr. Water Main	Ridgecrest Dr. at Whittier Ave.	Install approximately 2,800 LF of 16" water line on Ridgecrest Dr. from English Rd. to Whittier Ave., and on Whittier Ave. from Ridgecrest Dr. to Westchester Dr.	FY08-09	165,000	Water fund
Pw-29	Hedgecock Rd. Water Main	Hedgecock Rd.	Install approximately 7,000 LF of 8" water line from N. Main St. to Horneytown Rd.	FY08-09	207,000	Water fund
Pw-30	Old Greensboro Rd. Water Main	Old Greensboro Rd.	Install approximately 15,700 LF of 8" water line on Old Greensboro Rd. from Wallburg Rd. to Chestnut Dr., and on Chestnut Dr. from Old Greensboro Rd. to Willow Oak Rd.	FY08-09	464,000	Water fund
Pw-31	Allen Dr. Water Main	Allen Dr.	Install approximately 5,000 LF of 8" water line on Allen Dr. from Burton Rd. to Brightwood Dr., and on Brightwood Dr. from Allen Dr. to Chestnut St.	FY08-09	147,000	Water fund
Pw-32	Bunker Hill Rd. Water Main	Bunker Hill Rd.	Install approximately 15,700 LF of 8" water line from Outback Rd. to Boylston Rd., and on Boylston Rd. from Bunker Hill Rd. to Adkins Rd., on Adkins Rd. from Boylston Rd. to Bame Rd., and on Bame Rd. from Adkins Rd. to Sandy Ridge Rd.	FY08-09	464,000	Water fund

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Pw-33	College Dr. Water Main	College Dr.	Install approximately 8,300 LF of 24" waterline on Montlieu Ave. from Ellwood Dr. to College Dr., and from there to Eastchester Dr. Also, install approximately 7,500 LF of 16" water line on College Dr. from Eastchester Dr. to Johnson St., and then to Oakview Rd.	FY08-09	1,180,000	Water fund
Pw-34	Clinard Farms Rd. Water Main	Existing Clinard Farms Rd.	Install approximately 7,900 LF of 12" water line from Sandy Ridge Rd. to Barrow Rd.	FY08-09	234,000	Water fund
Pw-35	Randleman Water Plant/ Pump Station	Randleman Reservoir	Water filtration plant and distribution pump station.	FY08-09	10,000,000	Water fund
Pw-36	Groometown Rd. 24" Water Main	Groometown Rd.	Install approximately 14,000 LF of 24" water line on Groometown Rd. from NC 62 to Vickery Chapel Rd., and on Vickery Chapel Rd. from Groometown Rd. to Kivett Dr.	FY08-09	1,241,900	Water fund
Pw-37	Groometown Rd. 8" Water Main	Groometown Rd.	Install approximately 8,000 LF of 8" water line from Kivett Dr. to Vickery Chapel Rd.	FY09-10	236,000	Water fund
Pw-38	Vickery Chapel Rd. 16" Water Main	Vickery Chapel Rd.	Install approximately 10,500 LF of 16" water line on River Rd. from Bus 85 to Vickery Chapel Rd. and on Vickery Chapel Rd. from River Rd. to Kivett Dr.	FY09-10	520,000	Water fund
Pw-39	Chestnut Dr. Water Main	Chestnut Dr.	Install approximately 7,700 LF of 8" water line from Huntington Dr. to Willow Oak Rd.	FY09-10	228,000	Water fund
Pw-40	Sandy Ridge Rd. Water Main-section 2	Sandy Ridge Rd.	Install approximately 9,100 LF of 16" water line from Tyner Rd. to Norcross Rd., and on the Norcross Rd. Extension from Sandy Ridge Rd. to Bunker Hill Rd.	FY09-10	538,000	Water fund
Pw-41	Ingram Rd. Water Main	Ingram Rd.	Install approximately 3,200 LF of 12" water line from E. Fairfield Rd. to Springfield Rd.	FY09-10	142,000	Water fund

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
Pw-42	Shadow Valley Rd. Water Main	Shadow Valley Rd.	Install approximately 4,500 LF of water line from W. Lexington Ave. to the existing 12" water main.	FY09-10	199,000	Water fund
Pw-43	Kivett Dr. 8" Water Main,	Kivett Dr.	Install approximately 6,000 LF of 8" water line from Vickery Chapel Rd. to Groometown Rd.	FY10-11	177,000	Water fund
Water Fund Subtotals (27 Projects)					24,975,900	
<u>Public Services Department (39 Projects)</u>					<u>36,825,900</u>	
TRANSPORTATION DEPARTMENT:						
T-13	Skeet Club Rd. Widening	Skeet Club Rd.	NCDOT to widen Skeet Club Rd. from Eastchester Dr. to old N. Main St., and along old N. Main St. to US 311 (N. Main St.). City responsible for typical utility work and share in cost of sidewalks.	FY06-07	<u>40,000,000</u> 35,000,000 5,000,000	NCDOT Possible bonds
T-14	Johnson St. Widening	Johnson St./ Sandy Ridge Rd.	Widen Johnson Street/Sandy Ridge Road as a four lane divided highway from Skeet Club Rd. to Interstate 40 and possibly to US 421.	FY06-07	<u>32,000,000</u> 30,000,000 2,000,000	NCDOT Possible bonds
T-15	Surrett Dr. Widening	Surrett Dr.	Widen Surrett Dr. from Market Center Dr. to City limits near Corporation Dr. at Eden Terrace.	FY08-09	<u>24,000,000</u> 20,000,000 4,000,000	NCDOT Possible bonds
T-16	Greensboro-High Point Rds. (Jamestown Bypass)	Mostly new alignment	Construct 5 lane or 4 lane divided facility from Greensboro Rd. near US 311 Bypass to east of Jamestown. New crossing of Deep River, planning, design and environmental assessment underway. Project will probably be phased.	FY06-07	<u>61,000,000</u> 56,000,000 5,000,000	NCDOT Possible bonds
T-17	Fairfield Rd. Widening	Fairfield Rd.	Widen Fairfield Rd. (NC 610) from S. Main St. east to NC 62.	FY06-07	<u>14,000,000</u> 12,000,000 2,000,000	NCDOT Possible bonds
T-18	E. Lexington Ave. Widening	Lexington Ave.	Widen existing 30' roadway to 3 or 4 lanes with curb, gutter and sidewalks from Madison St. to Montlieu Ave.	FY08-09	<u>17,000,000</u> 14,000,000 3,000,000	NCDOT Possible bonds

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
T-19	Oakview Rd. Widening	Oakview Rd.	Widen existing 2-lane ribbon paved section of Oakview Rd. to 3 or 4 lanes with curb, gutter and sidewalk from Old Winston Rd. to Centennial St.	FY06-07	4,000,000	Possible bonds
T-20	Ward Ave. Extension	Ward Ave.	Extend 4 lane section of Ward Ave. at Hamilton St. eastward to College Dr. at Kearns Ave. to provide direct access from College Dr. to industrial areas along Ward Ave.	FY10-11	8,000,000	Possible bonds
T-21	Phillips Ave./ West Point Ave. Connector	Phillips Ave. and West Point Ave.	Construct on new alignment the extension of the existing 4 lanes of Phillips Ave. at Rotary Dr., to connect with the existing West Point Ave. and English Rd. intersection.	FY10-11	1,500,000	Possible bonds
T-22	South Elm St. Widening	South Elm St.	Widen existing 4 lanes Elm St. from Ward Ave. to Surrett Dr. at Mill St. requiring reconstruction of RR bridge over Elm St.	FY10-11	5,000,000	Possible bonds
<u>Transportation Department (10 Projects)</u>					<u>206,500,000</u>	

FY06-07 to FY10-11 Totals (60 Projects) 275,525,900

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
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FY11-12 to FY15-16

FIRE DEPARTMENT:

F-12	Fire Station 15	Kivett Dr. near Harvey Rd.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 support truck, 1 squad, 1 EMA and the personnel assigned. (Totally new station requiring new equipment and added personnel.)	FY14-15	*1,700,000	Possible bonds
					*Plus equipment and personnel costs.	
F-13	Fire Station 5	An area near Johnson St. and Skeet Club Rd.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 reserve truck, 1 squad, 1 EMA and the personnel assigned. (Personnel and equipment for this facility to be transferred from current Fire Station 5.)	FY14-15	1,700,000	Possible bonds
F-14	Fire Station 17	W. Lexington Ave. near High Point/ Wallburg Rd.	Purchase land, construct and furnish a new fire station to house 1 fire engine, 1 reserve truck and 1 squad. All personnel assigned to this station will be relocated from Station 3. (One fire engine and personnel assigned thereto to be transferred from new Fire Station 3.)	FY14-15	1,700,000	Possible bonds

Fire Department (3 Projects) **5,100,000**

PARKS AND RECREATION DEPARTMENT:

P&R-05	Softball Complex	Specific location not yet determined	Construct multi-field softball complex including land purchase (\$600,000) and facility construction (\$1,500,000).	FY14-15	2,100,000	Possible bonds
P&R-06	Randleman Lake Park	Randleman Lake	Acquire land and construct marina building, ramp, docks, maintenance buildings and parking lots.	FY14-15	2,500,000	Possible bonds

Parks and Recreation Department (1 Project) **4,600,000**

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
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PUBLIC SERVICES DEPARTMENT:

PI-09	Land for additional landfill development	Kersey Valley Rd./Kivett Dr. area	Purchase land for additional landfill development needed within the next fifteen years.	FY11-12	200,000	Landfill fund
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PI-10	Material Recovery Facility Building Expansion	Material Recovery Facility	Build expansion for interior and replace office area.	FY12-13	250,000	Landfill fund
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Landfill Fund Subtotals (2 Projects) 450,000

Pw-44	Sandy Ridge Rd. Water Main-section 1	Sandy Ridge Rd.	Install approximately 13,900 LF of 12" water line from Squire Davis Rd. to Bunker Hill Rd.	FY12-13	616,000	Water fund
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Pw-45	Bunker Hill Rd. Water Main	Bunker Hill Rd.	Install approximately 9,700 LF of 8" water line from Sandy Ridge Rd. to Boylston Rd.	FY12-13	287,000	Water fund
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Pw-46	Joe Moore Rd. Water Main	Joe Moore Rd.	Install approximately 15,200 LF of 12" water line on Burton Rd. from Dorothy St. to Joe Moore Rd., on Joe Moore Rd. from Burton St. to Willow Oak Rd., and on Willow Oak Rd. from Joe Moore Rd. to W. Lexington Ave.	FY13-14	674,000	Water fund
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Pw-47	Wallburg Rd./Horneytown Rd. Water Main	Wallburg Road/Horneytown Road	Install approximately 21,200 LF of 12" water line on Wallburg Rd. from W. Lexington Ave. to Horneytown Rd., and on Horneytown Rd. from Wallburg Rd. to N. Main St.	FY13-14	940,000	Water fund
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Pw-48	Ward Water Plant Upgrade	Ward Water Plant	Upgrade Plant including new pumps, filters, blowers, tub settlers, feed pumps, valves and other equipment that might be needed to comply with federal & state requirements.	FY15-16	20,000,000	Water fund
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Water Fund Subtotals (5 Projects) 22,517,000

Public Services Department (7 Projects) 22,967,000

Project Control Number	Project Name	Approximate Project Location	Project Description	Estimated Starting Date	Estimated Total Project Cost	Proposed Project Funding Source(s)
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TRANSPORTATION DEPARTMENT:

T-23	S. Centennial St. Widening	S. Centennial St.	Widen existing 2 lane street to 4 lanes from E. Green Dr. south to Ward Ave. extension.	FY14-15	6,000,000	Possible bonds
T-24	Lindsay St./ Surrett Dr. Connector	Lindsay St. and Surrett Dr.	Extend & widen Lindsay St. south from Kivett Dr. to connect with Surrett Dr. at Mill St.	FY14-15	8,000,000	Possible bonds
T-25	Deep River Rd. Realign- ment/Willard Rd. Extension	Deep River and Willard Rds.	Construct new roadway from the intersection of Deep River and Willard Rds. to Eastchester Dr. opposite Lake Forest Dr. Re- align Deep River Rd./Willard Rd. intersection so that new roadway serves as an extension.	FY14-15	<u>2,400,000</u> 2,000,000 400,000	NCDOT Possible bonds
T-26	Swathmore Ave. Extension	Swathmore Ave.	Construct extension of Swath- more Ave. from Archdale Rd. to S. Main St. and from western dead end to Fairfield Rd.	FY14-15	5,000,000	Possible bonds

Transportation Department (4 Projects) **21,400,000**

FY11-12 to FY15-16 Totals (16 Projects) **54,067,000**

PROJECT SUMMARY, FY01-02 to FY05-06

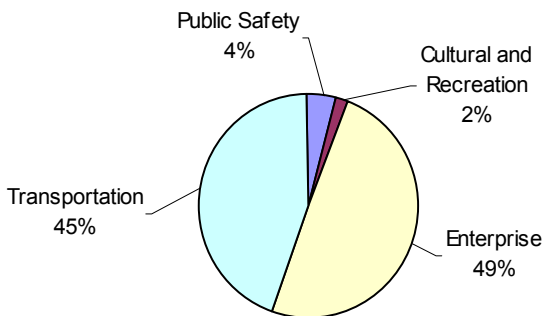
ESTIMATED PROJECT COSTS:

• PUBLIC SAFETY:	
• Communication and Information Services (1 Project)	5,000,000
• Fire Department (5 Projects)	7,025,000
• CULTURAL AND RECREATION:	
• Library (1 Project)	1,500,000
• Parks and Recreation Department (2 Projects)	3,020,000
• ENTERPRISE:	
• Electrical Utilities (11 Projects)	6,375,000
• Public Services Department – Landfill (5 Projects)	4,020,000
• Public Services Department – Sewer (14 Projects)	109,525,000
• Public Services Department – Water (16 Projects)	15,549,000
• TRANSPORTATION:	
• Transportation Department (12 Projects)	123,767,227
<u>TOTALS (67 PROJECTS)</u>	<u>275,781,227</u>

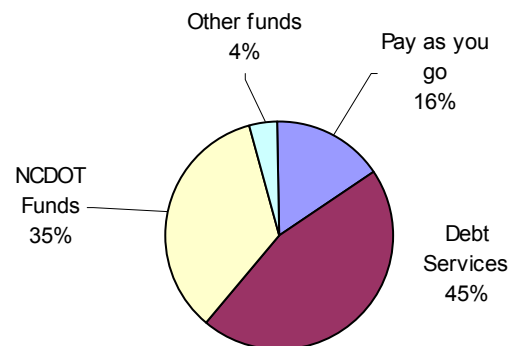
PROPOSED SOURCES OF FUNDING:

• PAY AS YOU GO:	
• Tax Supported Revenue (general funds and currently allocated funds)	2,815,000
• Fee Supported Revenue (electrical, landfill, sewer and water funds)	40,566,227
• DEBT SERVICE:	
• General Fund Debt	23,545,000
• Enterprise Bonds (sewer and water bonds)	38,650,000
• Approved Debt (1993 and 1997 bonds, state sewer loan fund and two-thirds bonds)	61,980,000
• NCDOT FUNDS:	97,600,000
• OTHER FUNDS: (developer and intergovernmental contributions)	10,625,000
<u>TOTALS (67 PROJECTS)</u>	<u>275,781,227</u>

ESTIMATED PROJECT COSTS



PROPOSED SOURCES OF FUNDING



PROJECT SUMMARY, FY06-07 to FY10-11

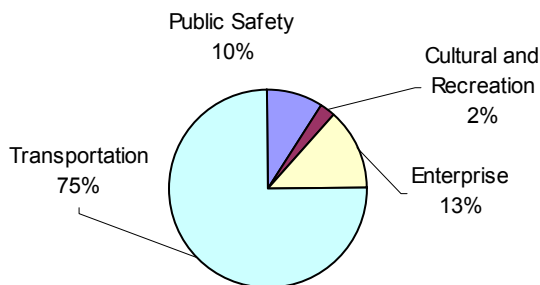
ESTIMATED PROJECT COSTS:

• PUBLIC SAFETY:	
• Fire Department (6 Projects)	9,200,000
• Police Department (3 Projects)	17,000,000
• CULTURAL AND RECREATION:	
• Parks and Recreation Department (2 Projects)	6,000,000
• ENTERPRISE:	
• Public Services Department – Landfill (3 Projects)	800,000
• Public Services Department – Sewer (9 Projects)	11,050,000
• Public Services Department – Water (27 Projects)	24,975,900
• TRANSPORTATION:	
• Transportation Department (10 Projects)	206,500,000
<u>TOTALS (60 PROJECTS)</u>	<u>275,525,900</u>

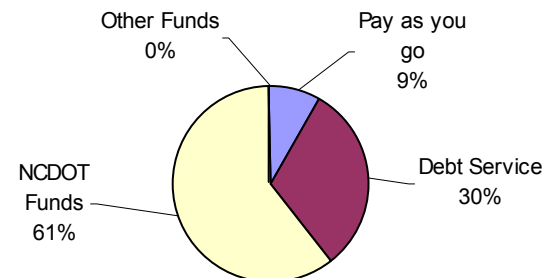
PROPOSED SOURCES OF FUNDING:

• PAY AS YOU GO:	
• Tax Supported Revenue (general funds and currently allocated funds)	-0-
• Fee Supported Revenue (electrical, landfill, sewer and water funds)	24,535,900
• DEBT SERVICE:	
• General Fund Debt	71,700,000
• Enterprise Bonds (sewer and water bonds)	12,290,000
• Approved Debt (1993 and 1997 bonds, state sewer loan fund and two-thirds bonds)	-0-
• NCDOT FUNDS:	167,000,000
• OTHER FUNDS: (developer and intergovernmental contributions)	-0-
<u>TOTALS (60 PROJECTS)</u>	<u>275,525,900</u>

ESTIMATED PROJECT COSTS



PROPOSED SOURCES OF FUNDING



PROJECT SUMMARY, FY11-12 to FY15-16

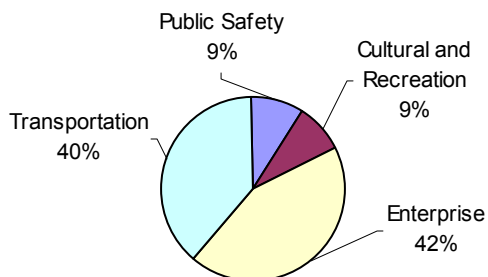
ESTIMATED PROJECT COSTS:

• PUBLIC SAFETY:	
• Fire Department (3 Projects)	5,100,000
• CULTURAL AND RECREATION:	
• Parks and Recreation Department (2 Projects)	4,600,000
• ENTERPRISE:	
• Public Services Department – Landfill (2 Projects)	450,000
• Public Services Department – Water (5 Projects)	22,517,000
• TRANSPORTATION:	
• Transportation Department (4 Projects)	21,400,000
<u>TOTALS (16 PROJECTS)</u>	<u>54,067,000</u>

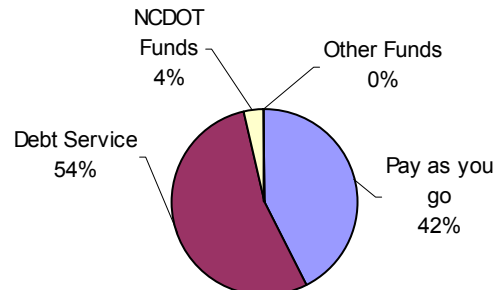
PROPOSED SOURCES OF FUNDING:

• PAY AS YOU GO:	
• Tax Supported Revenue (general funds and currently allocated funds)	-0-
• Fee Supported Revenue (electrical, landfill, sewer and water funds)	22,967,000
• DEBT SERVICE:	
• General Fund Debt	29,100,000
• Enterprise Bonds (sewer and water bonds)	-0-
• Approved Debt (1993 and 1997 bonds, state sewer loan fund and two-thirds bonds)	-0-
• NCDOT FUNDS:	2,000,000
• OTHER FUNDS: (developer and intergovernmental contributions)	-0-
<u>TOTALS (16 PROJECTS)</u>	<u>54,067,000</u>

ESTIMATED PROJECT COSTS



PROPOSED SOURCES OF FUNDING



PROJECT SUMMARY TOTALS, FY01-02 to FY15-16

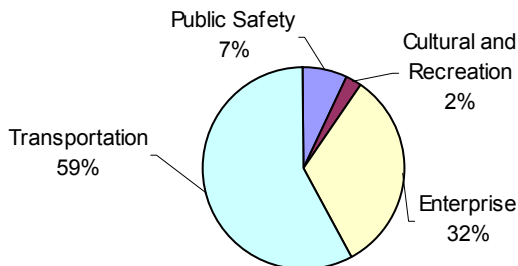
ESTIMATED PROJECT COSTS:

• PUBLIC SAFETY:	
• Communication and Information Services (1 Project)	5,000,000
• Fire Department (14 Projects)	21,325,000
• Police Department (3 Projects)	17,000,000
• CULTURAL AND RECREATION:	
• Library (1 Project)	1,500,000
• Parks and Recreation Department (6 Projects)	13,620,000
• ENTERPRISE:	
• Electrical Utilities (11 Projects)	6,375,000
• Public Services Department – Landfill (10 Projects)	5,270,000
• Public Services Department – Sewer (23 Projects)	120,575,000
• Public Services Department – Water (48 Projects)	63,041,900
• TRANSPORTATION:	
• Transportation Department (26 Projects)	351,667,227
<u>TOTALS (143 PROJECTS)</u>	<u>605,374,127</u>

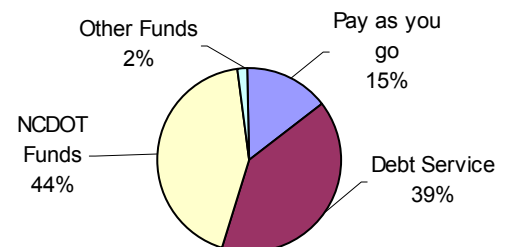
PROPOSED SOURCES OF FUNDING:

• PAY AS YOU GO:	
• Tax Supported Revenue (general funds and currently allocated funds)	2,815,000
• Fee Supported Revenue (electrical, landfill, sewer and water funds)	88,069,127
• DEBT SERVICE:	
• General Fund Debt	124,345,000
• Enterprise Bonds (sewer and water bonds)	50,940,000
• Approved Debt (1993 and 1997 bonds, state sewer loan fund and two-thirds bonds)	61,980,000
• NCDOT FUNDS:	266,600,000
• OTHER FUNDS: (developer and intergovernmental contributions)	10,625,000
<u>TOTALS (143 PROJECTS)</u>	<u>605,374,127</u>

ESTIMATED PROJECT COSTS



PROPOSED SOURCES OF FUNDING



FUNDING SOURCES

The preceding section listed the community facilities projects needed over the next 15 years to serve expected growth. One or more proposed project funding sources were noted for each community facility project. This section of the Community Facilities Plan examines a variety of funding sources including financial methods and exactions typically used by the City of High Point and other North Carolina municipalities to underwrite the costs of community facilities and similar capital projects.

Financial Methods

Financial methods traditionally employed by local jurisdictions in North Carolina involve the creative use of a variety of financial techniques and tools, some requiring voter approval. Among the financial methods frequently used are the following:

- ***Current Revenues (Pay As You Go)*** – While it is theoretically possible to development a community facility using current operating revenues, the magnitude of the expense makes it more likely for a city the size of High Point to save a set amount of current revenues for a period of years until the required amount of money is accumulated. Money for future capital expenditures can generally be saved in two ways – by setting aside a portion of the available fund balance or by creating a separate capital reserve fund. Simply setting aside money every year from the available fund balance does not protect the funds from being used for a purpose other than that intended at a later date. The money in a dedicated capital reserve fund enjoys greater protection.
- ***General Obligation Bonds, Voter Approved*** – General obligation bonds are subject to a referendum and are backed by the full faith and credit of the jurisdiction which, for a local government, means its property tax. Statutory limitations on the tax rate are suspended for these bonds, allowing the local government to levy any amount needed to repay the debt. For this reason, general obligation bonds carry the strongest possible security and relatively low interest rates.
- ***General Obligation Bonds, Two-Thirds Authority*** – These bonds are the exception to the requirement that a jurisdiction must submit a general obligation bond proposal to a public referendum. In any one fiscal year, a local government may issue new bonds in an amount equal to two-thirds of the previous fiscal year's general obligation bond debt reduction. In other words, if in Fiscal Year 2000-2001, a local government's indebtedness is reduced by \$900,000, additional bonds in the amount of \$600,000 could be issued in FY 2001-2002 without a public referendum.
- ***Revenue Bonds*** – Revenue bonds are secured by a pledge of the income generated by the facility financed by the bond sale. For example, part or all of the rent and

concession income produced by a publicly financed sports stadium could be pledged to retire the bonds used to construct it. Bondholders can require that the income stream, if insufficient, be increased in order to service the debt, but they do not have the right to demand payment from other sources, including property tax revenues.

- ***Installment Contracts*** – The most common form of an installment purchase contract is structured so that the jurisdiction receives an asset—a building, property, equipment or the funding to finance a project—and agrees in turn to repay the money over a period of years. The title of a tangible asset obtained in this way is held by the jurisdiction from the beginning. The vendor, financial institution or investors providing the funding retain a security interest in the asset. If the cost of the project is very large, a lending institution may not wish to make or retain the loan. Instead, the loan may be parceled and the pieces sold to individual investors. These pieces are called certificates of participation (COPs). Though COPs may resemble a bond, the holder's direct financial relationship is with the lender, not the jurisdiction. The holder receives a prorated share of payments made to the lender by the jurisdiction.

Exactions and Other Methods

Exactions and other related methods are funding sources that generally stem from requirements imposed by local jurisdictions on builders and developers at the time a specific development or subdivision is authorized. In such cases, developers provide or pay for needed public improvements at their own expense relieving the local jurisdiction of these costs. The following exactions have been used in the State of North Carolina:

- ***Land Reservation*** – Requirements providing that developers keep a site or corridor free from development or subdivision for a period of time pending purchase by a unit of government.
- ***Land Dedication*** – Requirements that land be donated by developer for use by the public.
- ***Construction of Improvements*** – Requirements that the developer construct or install public improvements with dedicated easements or on dedicated sites.
- ***Fees-in-Lieu*** – Requirements that developers pay fees in-lieu of dedicating land or constructing improvements.
- ***Impact Fees*** – Requirements that developers pay fees to finance their proportionate share of cost of new capital improvements (including off-site improvements) needed to serve their respective developments.
- ***Adequate Public Facilities Ordinance*** – An ordinance requiring that all public facilities and improvements required to develop a particular site be available to said site before development is authorized or soon thereafter. However, an Adequate Public Facilities Ordinance is not considered a true exaction since, in practice,

developers may provide the needed public improvement at their expense to insure that adequate public facilities are available.

The authority to enact local ordinances imposing exactions must either be authorized pursuant to appropriate enabling legislation contained in the General Statutes of North Carolina, or provided for by the General Assembly through special local legislation. The following chart indicates which exactions are currently allowed under the General Statutes and which are not, thus requiring the enactment of special legislation.

Authority to Impose Exaction As Condition of Subdivision Plat Approval under North Carolina General Statutes

	Type of Community Facility				
Type of Exaction	Parks	Utilities	Streets	Schools	Fire Stations
Land Reservation	Yes	Yes	Yes	Yes	No
Land Dedication	Yes	Yes, for utility easements	Yes	No	No
Construction of Improvements	Yes	Yes	Yes	Probably not	Probably not
Fees-in-Lieu	Yes	No explicit authority	Yes, for street construction	No	No
Impact or facility fees	*	Probably, under public enterprise authority	*	*	*

*Local enabling legislation probably required to implement impact or facility fees for parks, streets, schools and fire stations.

PLAN EVALUATION

The Community Facilities Plan for the High Point Planning Area is a dynamic document. As such, an evaluation process is periodically initiated to ensure that the plan accurately reflects current needs and conditions. Plan revisions accommodate changes observed from experience or by assessments of growth as it occurs within the planning area. Revisions also stem from insights gained from specific planning studies, significant shifts in land use policies and from the relative presence or absence of fiscal constraints. The plan amendment process allows for minor reviews as needed and a major review every five years, unless extenuating circumstances necessitate a more frequent revision.

Minor Review

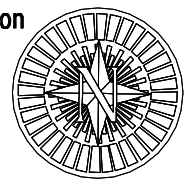
This review and amendment process allows for minor changes to the Community Facilities Plan based upon shifts in population growth or in the direction of development. These changes are often brought about by official policy reversals such as zoning decisions in conflict with the current Land Use Plan, sudden fiscal restraints or changes in land use classifications that suggests a shift in planning objectives and funding capabilities or emerging development trends not previously anticipated. Proposed amendments may be accumulated and considered collectively so that the impact of all proposed amendments can be evaluated jointly prior to official action.

Major Five-year Review

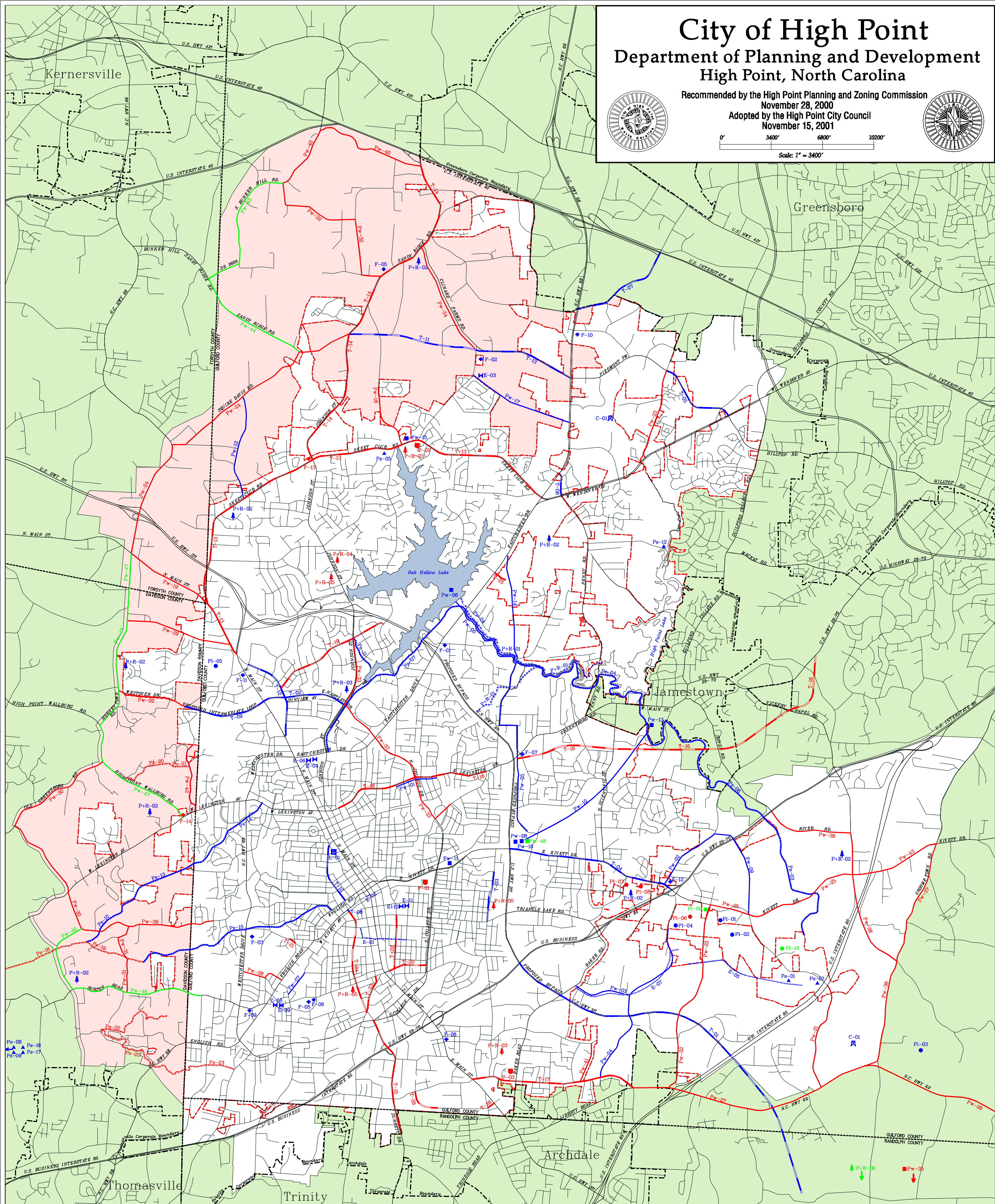
A full-scale review of the Community Facilities Plan is initiated every five years. All planned community facilities are assessed for relevancy based upon the city's most recently adopted Land Use Plan, current growth trends, desired development policy and the city's overall financial health at the time of the review process.

City of High Point
Department of Planning and Development
High Point, North Carolina

Recommended by the High Point Planning and Zoning Commission
November 28, 2000
Adopted by the High Point City Council
November 15, 2001



0' 3400' 6800' 10200'
Scale: 1" = 3400'



LEGEND

- Roadways ———
Major Highways ———
Corporate Boundaries - - - - -
County Division Lines - - - - -
Municipal Jurisdiction [Red dashed line]
Planning Jurisdiction [Pink shaded area]
Outside Jurisdiction [Green shaded area]

MAP 2 - COMMUNITY FACILITY PROJECTS
FY01-02 TO FY15-16

FISCAL YEARS	DEPARTMENTS									
	COMMUNICATION & INFORMATION SERVICES Communication Towers	ELECTRIC UTILITIES Lines - Facilities	FIRE Facilities	LIBRARY Facilities	PARKS AND RECREATION Greenway - Facil. - Land Acq.	POLICE Station	PUBLIC SERVICES Landfill(s) Facilities	Sewer Lines - Facilities	Water Lines - Facilities	TRANSPORTATION Roadway Projects
FY01 - FY05	[Blue triangle]	[Blue zigzag]	[Blue cross]	[Blue square]	[Blue zigzag]	[Blue square]	[Blue circle]	[Blue zigzag]	[Blue zigzag]	[Blue zigzag]
FY06 - FY10	[Red cross]	[Red zigzag]	[Red cross]	[Red square]	[Red zigzag]	[Red square]	[Red circle]	[Red zigzag]	[Red zigzag]	[Red zigzag]
FY11 - FY15	[Green cross]	[Green zigzag]	[Green cross]	[Green square]	[Green zigzag]	[Green square]	[Green circle]	[Green zigzag]	[Green zigzag]	[Green zigzag]